

W. H. Stockmayer, '35, Tells Of His Life In Europe

Is Studying For Two Years At Oxford As A Rhodes Scholar

Tells Of Travels In Germany And Life At English College

Is The Permanent President Of Last Year's Senior Class

EDITOR'S NOTE:—The following letter, from Walter Stockmayer, '35, is reprinted from the Technology Review of May. Stockmayer is studying at present at Oxford University, after having graduated from the Institute last June and receiving a Rhodes Scholarship for a two-year term at the English university.

"Let me tell you about the very enjoyable three weeks I spent in Germany at Christmas time. It was in the province of Wurtemberg in southwestern Germany and spent most of my time in Stuttgart, the principal city, where I stayed with an aunt. That is the city where my father grew up, so it had plenty of added attraction for me. I was shown through the Institute of Technology (Technische Hochschule) there. Although the buildings are old and rather crowded (having 2,000 students) they seem able to do a pretty good job of turning out engineers. The electrical and engine labs can't compare with M. I. T., of course, but seemed fairly good to my unskilled eye. They also

(Continued on Page 5)

Stockmayer

President Compton To Speak At Mann Conference In Ohio

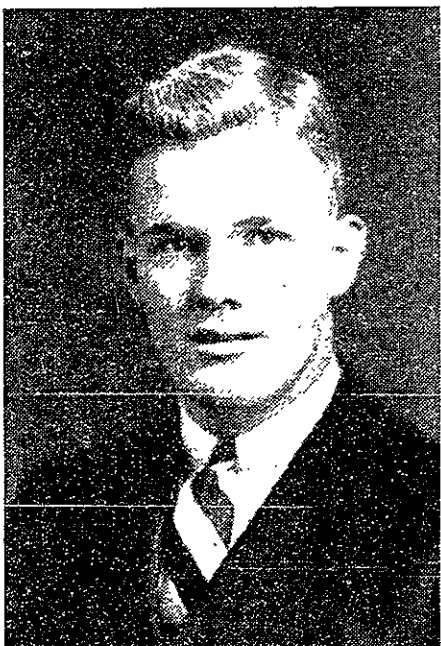
Charles F. Kettering, President Of General Motors To Speak Also

President Compton has accepted an invitation to be a guest speaker at a two-day educational conference to be held at Yellow Springs, Ohio, October 16 and 17. The conference, which will open a nation-wide celebration in honor of Horace Mann, "Father of the Common School," is sponsored by Antioch College.

Other notables who are expected to speak include Dr. John Dewey, noted philosopher; Dr. George F. Zook, director of the American Council on Education; Charles F. Kettering, president of the General Motors Research Corporation; and Dr. Payson Smith, formerly one of Mann's successors as secretary of the Massachusetts Board of Education and now in charge of the Horace Mann Centennial for the National Education Association.

Chief feature of the Antioch celebration will be the dedication of a bronze statue of Mann, the gift of an alumnus, Hugh T. Birch. The statue is a twin of the well-known statue of Mann that stands in front of the State House here in Boston.

William Shuttleworth



Dies of Pneumonia At Homberg Infirmary

W. F. Shuttleworth Dies Of Pneumonia

Sigma Alpha Epsilon Sophomore Prominent In Class Activities

William Forbes Shuttleworth, IV, '39, died of pneumonia at the Homberg Infirmary on Sunday afternoon. Prominent in undergraduate affairs since his entrance, Shuttleworth was elected vice-president of next year's Junior Class at the recent elections. He was a member of Sigma Alpha Epsi-

(Continued on Page 5)

Shuttleworth

Winners Of Boit Prizes Announced

Clogston, Irving, O'Brien, Wallace And Whitmore Present Winning Themes

By the will of the late Robert A. Boit, the sum of \$5000 was left to the Institute, the interest of which is to be used in annual prizes "to stimulate interest in the best use of the English language."

These prizes are awarded to members of the Sophomore Class in English and History on the basis of the required written work done by them. Five prizes of \$25 each have been awarded for themes written in E22 as follows:

Albert McCavour Clogston, "Individualism, Collectivism, and the Individual."

David Edwin Irving, "The History of Communism in China."

Eben John O'Brien, "On the Banks," a one-act play.

John Jaffray Wallace, "Theory and Practice."

William Francis Whitmore, "The Deirdre Legend in Irish Drama."

The judges were Professor Henry G. Pearson, Professor Archer T. Robinson and Professor Penfield Roberts. John Jaffray Wallace and William Francis Whitmore were winners of Boit Prizes last term for themes written in E21.

Class of '36 Is Invited To New York Technology Club

All those members of the Class of '36 who are planning to go to New York after graduation have been cordially invited by the Technology Club of New York to make the Club their headquarters while there.

The Club is located at 22 East 38th St., and will furnish a convenient residence to those Seniors who will be seeking employment in New York. Alfred T. Glassett, who is President of the Club and who extended the invitation, will send a guest card to any Senior who requests it.

Mr. Glassett also expressed a hope that many of Class of '36 would join the Club.

5:15 Moonlight Dance On June 4

Tickets Available All This Week In Main Lobby From 12-2 O'clock

Tickets for the annual Moonlight Sail and Dance of the Commuters' Club, to be held Thursday night, June 4, will be on sale this week in the Main Lobby from 12 till 2 o'clock every day. The ticket price will be \$2.00 per couple, and as there will probably be a large demand, the number will necessarily have to be restricted to 200. Students are advised to buy their tickets as soon as possible.

The Steel Pier, which has been chartered for the midnight cruise, will

(Continued on Page 6)

Moonlight Sail and Dance

Julian Woodworth



To Lead Orchestra At Senior Ball

Julian Woodworth Plays For Seniors

Ball At Statler Closing Event In Senior Week Program

Julian Woodworth and his 14 piece orchestra has been signed up to play for the Senior Ball on Commencement Evening, June 9, from 10 o'clock to 3 in the morning. The dance will be held in the Main Dining Room of the Hotel Statler and dinner will be served at midnight.

Woodworth and his orchestra are not newcomers to New England, for they were very successfully featured during the past season at the Normandie in Boston. In addition Woodworth has played at the Hollywood Restaurant in New York City, the Hotel Governor Clinton, The Hotel Ambassador, the Pavilion Royale, the Palais D'Or, and the Steel Pier in

(Continued on Page 5)

Senior Ball

Guerke Makes Mile Record For M. I. T. At Intercol. Meet

Record Breaker



Henry Guerke, Who Established A New Mile Record For M. I. T.

Wallace To Head Union Next Year

Rapoport, Retiring President Reviews Accomplishments During This Year

John J. Wallace, '38, was elected to head Technology Union for next year at a meeting of the Steering Committee held yesterday. Leonard A. Sedar, '37, was re-elected secretary-treasurer.

Wallace succeeds Emanuel Rapoport, '36, president of the Union during the past term. Claxton Monroe, '36, was president last year and during the first term of this year.

Reviews Union's Accomplishments

Closing the year officially, Mr. Rapoport reviewed the accomplishments of the Union this year, including meetings on several questions, among which were: "Hitler's Germany", presented by Oswald Garrison Villard, prominent liberal; "Can Italy Justify her Policy in Ethiopia?", a debate between Peter C. Borre, Boston attorney, and Harold James, '38; "The Scientist and Crime", a lecture by Mr. E. P. Coffey of the Federal Bureau of Investigation; "Is Money, Marks, or Personality the Secret of Success in Life?", a three-cornered debate between Professor F. Alexander Magoun, Emanuel Rapoport, '36, and Wilberforce W. Haynes, '38; "The Work of the Engineer with the Government", a talk by President Karl T. Compton; "War vs. Diplomacy", by Dr. Pitman Potter, League of Nations official; and "Is the Educated Woman

(Continued on Page 6)

Tech Union

M. I. T. Ties For Sixth Place With U. Of Maine

Capt. Stan Johnson Scores In Broad Jump, High Hurdles

Hadley, Ray, McClellan, and Faatz Also Score For Tech

Breaking all Technology records for the mile run, Henry Guerke came in first in the New England Intercollegiate Track Meet at Providence, Saturday afternoon. Captain Stan Johnson came through with a second in the broad jump and a third in the high hurdles. The pair made ten of the 13 6-11 points sufficing to tie Technology with the University of Maine for sixth place.

Guerke crossed over the line two yards ahead of Carroll O'Connor of Holy Cross to finish with a time of 4:23.2, erasing the 21-year old Technology record of 4:24.8 which was made by R. G. Brown in 1915. Guerke's

(Continued on Page 4)

Track

Record Class To Be Graduated Tomorrow By Lowell Institute

Students To Receive Diplomas In Main Lecture Hall From Dr. Lowell

Graduating the largest class in its history, the Lowell Institute will close its regular school year tomorrow evening with Commencement Exercises to be held in Room 10-250, at 8:15 o'clock.

Dr. A. Lawrence Lowell, sole trustee of the Institute, will present the diplomas in the various industrial courses after a commencement address by Redfield Proctor, President of the Vermont Marble Co. and a member of Technology's Corporation. Dr. Vannevar Bush, vice-president of Technology, will represent the Institute at the exercises and Professor Emeritus Charles F. Park, director of the Lowell Institute School, will preside.

Preceding the graduation exercises, Mr. Proctor will be entertained at an informal dinner at Walker Memorial at which Dr. Bush and Dr. Lowell will be guests. The activities of graduation include the dinner of the alumni

(Continued on Page 6)

Lowell Institute

Maclaurin, Son Of Former Institute President, Is Appointed To Faculty

Rupert Maclaurin, older son of the late Richard C. Maclaurin, president of Technology from 1900 to 1920, has been appointed assistant professor in the department of economics and social science.

Mr. Maclaurin was born in Wellington, New Zealand, where his father was then Dean of the Law School at Victoria College. Except for one year at boarding school in England and two summers spent in French and German families studying the languages, he was educated in Boston.

Entering Harvard in 1925, he was graduated with the degree of bachelor of arts in 1929. The year 1929-30 was spent at Trinity College, Cambridge,

England as a Fiske Scholar in Economics from Harvard. He then entered the Harvard Business School and in 1932 received the degree of master of business administration.

Maclaurin spent the summer vacations during this two year course in obtaining business experience. The first summer he acted as courier and interpreter for the American Express Company in Europe, and the second he was attached to the Buenos Aires branch of the First National Bank of Boston, where he studied banking methods and Spanish. During his visit to South America he traveled

(Continued on Page 6)

Maclaurin

Mathematical Calculating Machines From 7th Century On Now In Library

Pictorially interpreting the Gibbs lecture given by Dean Vannevar Bush on January 2, 1936 on "Instrumental Analysis," the exhibition now on display in the Main Library tells of the development of instrumental analysis up to the present day. Dr. Vannevar Bush, vice-president and Dean of Engineering at the Institute, recently was awarded the Lamme Medal of the American Institute of Electrical Engineering for his "development of methods and devices for the application of mathematical analysis to prob-

lems of electrical engineering."

From the Chinese "abacus" of the 7th century, or earlier, the first stage of the historical development follows Napier's rods (1617), the adding machines of Pascal (1642) and Leibnitz (1671), the different engines of Babbage (1882) and Scheutz (1853), to the mechanical multiplication table of Bollee (1887). From the Pascal and Leibnitz mechanisms are traced the arithmetical machines of modern com-

(Continued on Page 5)

Exhibit

The Tech

Vol. LVI MAY 26, 1936 No. 30
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Managing Board

General Manager Walter T. Blake, '37
Editor Arthur M. York, '37
Managing Editor Leonard A. Seder, '37
Business Manager James G. Loder, '37

Editorial Board

Emanuel Rapoport, '36 Herbert K. Weiss, '37

Associate Board

Assistant Editors

Victor A. Altman, '38 Harold James, '38
Leon L. Baral, '38 Frederick Kolb, '38
Anthony Chmielewski, '38 Dudley A. Levick, Jr., '38

Ruth G. Rafferty, '38

Business Associates

Douglas G. Esperson, '38 James C. Longwell, '38
Joseph R. Kienn, '38 Allen E. Schorsch, '38

Edgar B. Taft, '38

Staff Assistants

Irwin Sagalyn, '37

George M. Levy, '37 David A. Werblin, '36
Harold H. Strauss, '38 John R. Summerfield, '38

Special Photographer, Lawrence R. Steinhardt, '37

Offices of The Tech

News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.

Telephone KIRKland 1882

Business—Room 301, Walker

Telephone KIRKland 1881

SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during College year, except during College vacation.

Entered as Second Class Matter at the Boston Post Office

Member Eastern Intercollegiate Newspaper Association

Night Editor, William A. Merritt, '39

ADD SAILING

TO FIELD DAY EVENTS

NOW that sailing has been established as a popular and well supported activity and now that the outlook for the future of the sport is most encouraging, the question comes up, "Why not add a dinghy race to the interclass events on Field Day?"

The introduction of a sailing event would certainly add interest to the Field Day events, because it is a sport in which a dozen or more Freshmen and Sophomores could participate. By next fall, Technology's sailing facilities will be complete and adequate. This contest would probably be about as evenly contested as most of the other events, because many of the Freshmen have sailing experience before they come to the Institute. Also there will be a full month of good sailing weather in which the prospective crews may become accustomed to the boats before Field Day.

Theoretically there could be as many as 36 boats in the interclass race with a total of 72 contestants. The selection of the sailors from the classes could be carried out in a series of preliminary races in which even a greater number of students could take part. Points could be awarded for the winners in this event in proportion to its importance as seemed advisable to the Field Day Committee.

THE BUGABOO

FINAL EXAMINATIONS

ANXIETY over the coming final examinations has begun to manifest itself at the Institute, and students are already expressing their dread of the ordeal ahead of them. The attitude of apprehension is so traditional that no one would dream of trying to combat it even in his own mind.

Students are hemmed in by a solid wall of suggestion during these last few weeks, built up by anxious parents, conscientious instructors, solicitations from tutoring establishments, and even cigarette ads which offer their particular brand as a certain antidote to nervous strain from late study hours. Warnings from the instructors are directed against the "grasshopper" students, but the "ant" students suffer from the suggestion of possible failure. Naturally, the students who have cut classes and neglected their day-to-day assignments must have a doubtful feeling of security, but unfortunately fear, which is more contagious than chickenpox, strikes right and left, and assails those who should be immune. It is highly evident that lazy students must be prodded vigorously in a last minute effort to exert themselves, but the resulting atmosphere of tension imparts itself to the student body as a whole and has a detrimental psychological effect.

The examinations at Technology are scrupulously fair, and the students who have done average work throughout the term might

reasonably expect, with some extra study, to receive better than average marks on their finals. It will require some one like Dr. Donald A. Laird from his Psychological Laboratory at Colgate University to suggest a method by which students can fortify themselves against the corroding effect of fear. It is a very tangible hazard in examinations. We might paraphrase Shakespeare and say, "The fear's as bad as failing," for it is undoubtedly responsible for many FF's.

LESS NOISE PLEASE

WALKER BOWLING ALLEYS

A PERFECT example of passive acceptance of the status quo is the general attitude toward the noise of the bowling alleys in Walker's basement. Long a nuisance, people hearing it have shuddered and gritted their teeth and gone on and forgotten about it, only to repeat the performance the next time they entered Walker. Now that the phonograph has been repaired and reinstalled we are all the more unfavorably impressed by this racket emanating from the bowling alleys. Wittingly or unwittingly, Walker's smooth plaster walls were perfectly designed for the transmittal of sound, with the result that the noise of every pinfall carries clearly up the stairwells to the third floor, pausing just long enough on the second floor to be most distinctly bothersome to the users of the phonograph.

We would suggest doing away with this nuisance at its source by covering the walls and ceiling of the bowling alleys with some good sound-absorbent material.

SHIP AHOY

TECH SAILORS WANTED

IT appears that, even though Technology, took up sailing only a short time ago, Institute sailors are already being recognized by outsiders. In a letter to Professor Erwin H. Schell, an opportunity was presented by Mr. Chandler Hovey for five or six students to sail for several weeks this summer on a racing yacht.

Hovey has recently purchased a new yacht "Veetamoe" and is outfitting it for races this summer. The half dozen Tech men will sail as members of the crew—also includes a dozen professional sailors. Outside of the rare opportunity for a vacation with all expenses paid, the men who are selected to go from the Institute, will receive some very useful training in the handling of a large yacht in actual races.

The favorable publicity which has been brought to the Institute through the establishment of sailing here must be recognized as invaluable. It compensates, in a measure, for the severe drubbings which Institute sport teams have long been taking at the hands of better trained college teams.

We must not deplore the fact that Tech does not have winning teams, because, as has often been repeated by the students and the graduates of the Institute, we go into athletics for the sake of benefiting from the sport and not with the idea that a winning team is essential, even part of the time.

However, if there is a sport in which the school will be watched with interest by the public and other schools, and if that sport does not become a burden on the students' time, that is the one sport to be encouraged above all others. It seems that we have at last found a sport in which we can be victorious at least part of the time, if the recent boat races are any indication of the trend in the future.

One of the reasons why Tech wins in these races is, of course, that she has so many entries that she cannot help from taking a majority of the lower places. This was demonstrated recently in the race with Harvard, Yale, Dartmouth, and the others. However this does not deter either from the amount of sport derived nor the amount of good publicity obtained.

ELECTIONS

Volume LVI of The Tech takes pleasure in announcing the election of the following men to the position of Staff Assistant: David A. Bartlett, Edward P. Bentley, Walter N. Brown, Andrew L. Fabens, Robert E. Hadley, Ralph L. Hegner, Will B. Jamison, J. Gerald Murphy, William A. Merritt, Edwin K. Smith, and Joseph G. Zeitlin, all of the class of '39.

Reviews and Previews

PARAMOUNT AND FENWAY—

For those of you who haven't yet seen Will Rogers in *A Connecticut Yankee*, the picture is a "must." Rogers is so completely the Yankee whom Mark Twain portrayed that we would like to see the whole Twain story as written, not the "humorized" version turned out by Fox. Hollywood, then even more than now, was afraid to touch a theme not entirely standardized. Those who have read the original sympathetically will hardly be pleased by the injections of "modern" humor into a story that required no revision, but there is enough of the real Mark Twain left to satisfy anyone. And Will Rogers, of course, more than saves the rest of the picture.

Forgotten Faces with Herbert Marshall and Gertrude Michael is the co-feature. Main ingredients—an unfaithful wife constantly menacing her daughter's happiness, and "subtle revenge."

UPTOWN—The Moon is Our Home with Margaret Sullivan and Henry Fonda is one of the few productions advertised as "clever" which come up to their advance notices. Charles Butterworth contributes to diversion as usual.

Ann Harding and Walter Abel provide a dramatic story as per "Harding" in *Witness Chair*. Court room scenes with more than the usual run of emotional intensity and psychological dissection.

MODERN—Another World War espionage story, *Till We Meet Again* with Gertrude Michael and Herbert Marshall manages to avoid the conventional rut of spy stories. A supporting cast of Lionel Atwill, Rod LaRoque and others fill in acceptably.

Jackie Heller whom we used to hear a lot before coming exams cast a shadow over our radio, makes his movie debut in *Florida Special* with Jack Oakie and Sally Eilers. Oakie is typically Oakie, of course, and remains one of the few comedians who do not fall into the class of being either intensely liked or intensely hated. His type of humor remains unchanged, but it is a popular brand. The story is by Clarence Buddington Kelland which should be enough for anyone.

FINE ARTS—Three Women is one of those Russian productions which show admirable technique in some respects and almost crudeness in others. The photography is exceptional and the acting unaffected almost throughout. The treatment of the three children is handled with a sincerity which

almost accomplishes the impossible—inducing an American audience to accept the Russian viewpoint as its own. Temporarily at least. A few scenes are obviously forced, in places the sentiment is excessive and the acting drawn out. But the standard of Russian films as a whole is improving and *Three Women* is no exception.

LOEWS STATE AND ORPHEUM

—Francis Lederer co-starring with Ida Lupino in a new romantic tear make the highly entertaining *On a Rainy Afternoon* the nearest perfect antidote to finals that is available. It is a picture to enjoy, whose probabilities and inconsistencies contribute to its interest. The Lederer of "bundling" fame now takes to the somewhat more public hobby of cinema-kissing... in the audience, not on the screen.

The supporting feature is *Don't Gamble with Love* with Ann Sotherton and Bruce Cabot.

METROPOLITAN—Carole Lombard, one of the few stars of her order of magnitude and galaxy who fails to bore us after her first two pictures, joins hands again with Fred MacMurray for *The Princess Comes Across*. Staged on shipboard, and supported by Alison Skipworth and George Barbier, the story concerns the adventures of an American girl who poses as a Swedish princess to land a film contract. Cliff "Ukelele Ike" Edwards stars on the stage in his own variety musical revue, "Stars Around the World". We would like to know the per cent of musical revues which feature "stars" in their billing. Once there was one which did not, we think, but that was long before our time, and it did not last long anyhow.

H. K. W. MEMORIAL—Show Boat is here, bigger than ever, featuring three new songs and all of the old ones, with Irene Dunne and Allan Jones as the stars. Not to mention Paul Robeson, Charles Winnegar, and Helen Morgan. You will enjoy it alone but give the one and only a break.

BOSTON—Fang and Claw with animals in their native habitat. Wild animals. Snarling, hating and fighting animals. What a circus would be if all of the little boys who look longingly at the menagerie cages had their way. Frank Buck manages of course. See it when you're tired of silly sophistication.

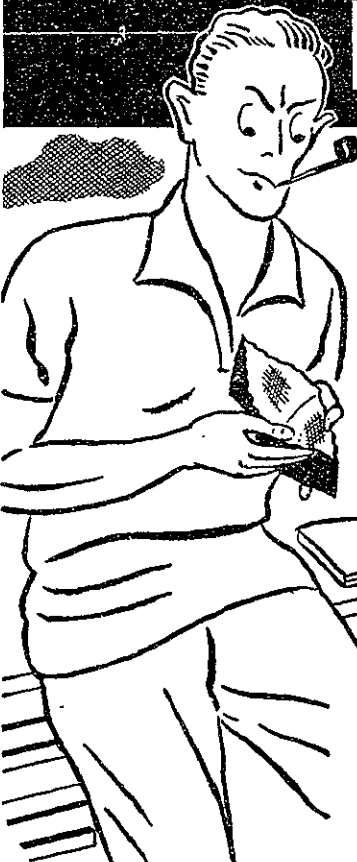
Co-feature a gangster picture. Onslow Stevens, Dorothy Tree and the Jack La Rue. Maybe you like gangster pictures?

10 OUT OF TEN

College Students Suffer from NOCASHOSIS

*EMACIATED POCKETBOOK

Here's the cure—



Rx

Use liberally for all trips!

DO YOU have that empty feeling in your pockets? Do you lie awake nights, trying to figure how to make a dime do the work of a dollar? Is this condition chronic? Don't give up! Even if your best friends can't help you, Greyhound will!

GREYHOUND BUS TERMINAL
222 Boylston St.,
Park Square
Phone: Com. 5400

You'll get results the very first trip. There'll be extra cash in your pockets—you'll feel better after a pleasant, convenient journey. Repeat the dose every time you travel.

GREYHOUND

Lines

SPORTS COMMENT

It was expected that Henry Guerke would do well at the New England Intercollegiates on Saturday, but his fast time in winning the mile event was better than anyone would have predicted. Not only did Henry break the Institute record for the mile, but in doing so he stepped off the fastest mile in New England competition this season. It was only last May that Mort Jenkins set up a 4:26 1-5 mark for the mile, and then on Saturday, Guerke went out and pared almost three seconds from Mort's time. Mort was no slouch in the distance events, so in comparison Guerke's performance is quite a standout.

The failure of Stan Johnson to cop first place in his favorite event, the broad jump, was a big surprise to track followers throughout New England. Stan was a universal choice to leap his way to five points, but sports wouldn't be sports without upsets. Stan has gone out to a greater distance than the mark with which his opponent from Brown took the event on Saturday, so we're willing to agree that Saturday was an off day for the Tech track captain. We are all rooting for him to bring home the bacon in the IC4A's.

Just in passing, we would like to add a few words to those appearing elsewhere in this issue concerning the untimely death of Bill Shuttleworth. Always loyal to his class, Shuttleworth not only was an officer of his class, but when it came to Field Day sports, he contributed his bit on the football field. He was one of the starting tackles in both his freshman and sophomore years. Although our memory may be playing tricks with us, it seems to us that Shuttleworth also was a member of the freshman basketball squad.

Editor's Note—For the second successive year, we of the sports staff, are giving parting thanks to the student who first originated this column and then continued doing such a swell job that he made it the most widely read column in this paper. The student we refer to is Charles W. Smith '35, better known to sports followers as Smitty.

Under Smitty, this column has been popularly received by all the readers, and we are happy to confess that his timely comments at times when full length stories were not available have pulled us out of many a hole.

Last year we sadly bid Smitty farewell at graduation, but to our good fortune he returned as a graduate student and carried on his good work for The Tech. This year he is leaving the Institute for good, and once more we would like to extend our sincerest thanks for the great work that he has done for us. So long, and the best of luck Smitty.



Charles W. Smith, '35

Faculty And Students Of Course II Picnic

The Sophomores of Course II in conjunction with the faculty of the department held a picnic last Friday at the Assabet Country Club near Stow, Massachusetts. The group hired the complete facilities of the club for the day, which included golf,

tennis, horseshoes, swimming and baseball.

A softball game in the afternoon between the faculty and the students was a source of merriment to both the participants and spectators. Professor Joseph C. Riley was the mainstay of the faculty team, getting a hit each time at bat and rounding the bases safely each time. Mr. John A. Hrones and Mr. William A. Murray were the hurling staff.

Let Your Baggage Go Home by the LAUNDRY ROUTE



Arrange to ship it off this June by your old friend Railway Express and when Commencement Day dawns, be fancy free to board the train for home. Anything — trunks, bags, books, golf clubs, cups, even your diploma—Railway Express will pick them all up on your phone call, forward them at passenger train speed, deliver them safe and sound at your home. And it's economical. Railway Express rates are low, and you pay nothing at all for pick-up and delivery service. There are no draymen's demands, no tips, no standing in line, and sureness is made doubly sure by Railway Express's double receipts, with \$50.00 liability included on every piece you ship. Besides, you have the choice of forwarding your things either prepaid or collect, and they'll be home as soon as you are. No other way of shipping gives you this kind of service, as you probably know, and to get it you have only to phone the nearest Railway Express office.

9 Brookline St., Cambridge, Mass.
Phones: Lafayette 5000, Kirkland 7360 and Highlands 7954

RAILWAY EXPRESS
AGENCY INC.
NATION-WIDE RAIL-AIR SERVICE

VARSITY AWARDS

Basketball bTb	Cross Country cTc	Squash sTr
W. W. Garth F. P. Thornton V. G. Lippitt R. A. Denton I. L. Wu O. J. Kangas	D. Chalmers W. K. Fitch T. B. Oakes N. A. Sabi E. P. Cooper H. H. Guerke	J. D. Gardiner I. L. Newman T. A. Terry M. C. Rulon J. S. Mason G. A. Hunt
Soccer aTt	Boxing bTt	Hockey hTt
J. P. Hamilton H. E. Essley A. B. Gray M. M. Waxman E. A. Brittenham I. L. Wu O. L. Angevine R. A. Dresselly R. V. Kron W. S. Wojtezak G. B. Wemple A. C. Arino J. M. Gilliss J. Lindsay C. E. Ceballos	P. T. Norton A. Chmielewski N. Lefthes R. H. Thorson L. Gelbert	D. W. Kenney R. Van Patten-Steiger F. P. Parker H. F. Goodwin A. W. Minott J. R. Cook W. A. Healy R. Muther H. G. Acker J. B. Cohen P. W. Daley L. J. Anderson R. C. Eddy W. A. Stiles
Gymnastics gTt	Fencing fTt	Swimming sTt
D. A. Werblin R. E. Needham P. H. Dreissigacker D. F. Morgan F. J. Kolb M. C. Abbott W. H. Phinizy J. G. Loder	R. J. Ozol A. N. Laus L. R. Dantona C. E. Ceballos D. B. Bartlett J. E. Salny P. R. Rosenberg	C. C. Dodge J. F. Patterson J. C. Agnew B. Vonnegut C. D. Small A. M. Main P. White J. I. Hamilton W. H. Hope J. R. Fischel W. H. Francis
Track aTa	Wearers of the "T"	
G. E. Hadley L. W. Kites Seymour Stearns Julius Breyer	H. H. Guerke—Cross Country H. E. Essley—Soccer A. B. Gray—Soccer A. C. Faatz—Indoor Relay Team E. C. Cooper—Indoor Relay Team D. S. McLellan—Indoor Relay Team N. A. Sabi—Indoor Relay Team	P. T. Norton—Boxing A. Chmielewski—Boxing W. W. Garth—Basketball I. L. Wu—Basketball J. P. Hayes—Crew F. P. Thornton—Track J. P. Hamilton—Soccer H. F. Goodwin—Hockey

Chuck Hornbostel To Be Speaker At Dinner

Tonight the Technology Track squad will have Chuck Hornbostel as its principle speaker at the track dinner to be held in Walker Memorial. Mr. Hornbostel is the famous middle-distance runner of the University of Indiana. He has recently graduated from the University, and while there he held many world records.

Chuck Hornbostel was on the 1932 Olympic Track Team. He held the World's Indoor record for the 600 yard run. On February 2, 1935 he established a new world record in the 600 yard event with the time of 1:11.3. He was also voted the outstanding athlete at the Milrose A. A. Games in 1934 and 1935.

This event closes the Institute track season. After the dinner letters and other awards will be given out. The captain of next year's team will also be elected.

Undergrad Notice

There will be a regular meeting of the M. I. T. A. A. in the East Lounge of Walker today at five o'clock. Notices have been sent out to all the members by secretary John Pitkin.

The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts.
Boston, Massachusetts
Sunday Services 10:45 a. m. and 7:30 p. m.; Sunday School 10:45 a. m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing.
Reading Rooms—Free to the Public, 333 Washington St., opp. Milk St., entrance also at 24 Province St., Staller Office Bldg., Park Sq.
60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.

From Gas to Gaskets...



(The search for "home-grown" rubber)

THE MODERN philosophers' stone has a good bounce to it. No one ever searched for a way to make gold quite as thoroughly as men of science in this generation sought for a new source of rubber.

For a time it looked as though goldenrod might turn the trick... but the actual solution came from research chemistry... and from gas.

Acetylene gas, the stuff used years ago for auto headlights, and still used today on thousands of farms, was the starting point. Father Nieuwland of Notre Dame University found a way of making acetylene gas molecules join together to produce a liquid. DuPont chemists saw in this a possibility. Here, at last, might be the key to a satisfactory man-made rubber.

After several years of painstaking

investigation—success! This product of chemical research, now sold by Du Pont under the trademark "DuPrene," has all the characteristics of natural rubber, but is better for certain purposes.

"DuPrene" is superior to Nature's product in resisting heat, oils, chemicals, sunlight, and deterioration from age. One place where this is demonstrated is in use on machinery—as in the case of gaskets. For many such uses "DuPrene" has replaced natural rubber despite its present higher cost.

Thus the chemist comes to the rescue. Not only is it possible for America to be independent of foreign rubber supplies—but (more important now) American industry has a new product of vastly greater efficiency.

BETTER THINGS FOR BETTER LIVING... THROUGH CHEMISTRY



Producers of Chemical Products since 1802
Wilmington, Delaware

LOUNGER

Love

The proprietor of one of those helpful establishments up the line which provided Tech men with the wherewithal to hire a V-8 and a tux for the night in exchange for various and sundry family heirlooms was recently persuaded to admit to one of our sub-loungers that the system also works the other way.

It concerns one of the dorm boys. We have his name but after all, there is no need to go that far. But we are sure that the young lady from Radcliffe would be intrigued to learn that her chain and locket came from the popular pawnshop up on Mass. Ave. and cost \$40 and \$20 respectively.

Track

(Continued from Page 1)

time is the shortest that the mile has been run in this year.

In the broad jump, Stan Johnson's leap of 23 ft. 6 1-8 in. was beaten when Singen of Brown won with 23 ft. 7 9-16 in. Last summer, Johnson jumped 24 feet 11 inches at the National Junior championships at Nebraska; in addition he holds the Institute broad jump records. Johnson defeated Singen last week in the broad jump when Brown came down here last week.

George Hadley and George Ray tied with nine others at 5 feet 8 7-8 inches in the high jump. In the 200-yard dash, Dave McLellan scored fourth, and Al Faatz got a third in the low hurdles. The points made were as follows:

Henry Guerke, 5; Capt. Stan Johnson, 5; George Hadley, 3-11; George Ray, 3-11; Dave McLellan, 1; Al Faatz, 2. Total 13 6-11.

Faculty Club Report Summarizes Season's Important Happenings

Professors Harrison, Hamilton, Russell, And Mr. Nalle Elected Officers

In a report recently issued by the secretary of the M. I. T. Faculty Club for the academic year of 1935-1936, a summary of the year's major events was given. Professor George R. Harrison was elected president at the election meeting on May 17, 1935, and Professor George E. Russell, vice-president. The club chose Professor Leicester F. Hamilton as treasurer and Mr. John M. Nalle as secretary. In addition Professors Bartlett, Burdell and Elder were elected to the Executive Committee.

A Faculty Club Council was also organized to co-operate with the Executive Committee in the arrangement of the programs for the year and for the selection of speakers. Those who consented to work on the committee were Professors Frederick J. Adams, Avery A. Ashdown, Ralph D. Bennett, Joseph C. Boyce, Charles B. Breed, Raymond D. Douglass, Oscar J. Gatchell, William C. Greene, Carle R. Hayward, Murray P. Horwood, William H. McAdams, Joseph S. Newell, Henry E. Russell, Louis A. Slichter, and George W. Swett. Mr. Harold A. Freeman, Mr. Richard F. Koch, Mr. Ronald H. Robnett, and Mr. Carroll L. Wilson also volunteered.

Eight luncheon meetings were held by the club during the year. The speakers and their topics were as follows: October 24, 1935, Professor Theodore Smith—"The League of Nations at Close Range;" November 20, 1935, Dr. J. G. Trump—"Recent Scientific Developments in Russia;" December 5, 1935, Hon. Arthur T. Lyman—"Crooks, Crimes, and Corrections;" January 22, 1936, Dr. E. A. Hauser—"Industrial Development of Japan;" February 14, 1936, Hon. Leverett Saltonstall—"State Governmental Problems;" March 18, 1936, Dr. J. Anton deHaas—"International Aspects of the Business Recovery;" April 6, 1936, Maj. Gen. Fox Connor—"Military Aspects of the Day;" May 20, 1936, Rev. C. Leslie Glenn—"Certain Parallels between Engineering and Religion."

The Executive Committee decided to reduce the dues for members of the staff below faculty grade to \$1.00 per year, in an effort to bring more of the young staff members into the Faculty Club.

Sigma Nu Victors In Ball Tourney

5-0 Loss Suffered By Graduate House from Sigma Nu's Winning Nine

Beaver Key's All-Tech Softball Tournament was brought to a close Saturday when Sigma Nu defeated the Graduate House by the score of 5-0. It was the fourth game that Cam Mitchell had held his opponents scoreless in the seven games that he pitched for the Sigma Nu's. In these seven games the Sigma Nu's crossed the plate 81 times while only twelve of their opponents succeeded in reaching home.

Sigma Nu Scores Early

In the first inning there was no score, both sides going out with no man reaching first safely. In the Grad's half of the second Cushing singled after two were out but got no further when the next man flied out. In the last of this inning Mitchell started things off by getting a base on balls and after the next man had flied out stole second to be scored a moment later by Lutz's hard drive through shortstop. No further scoring was done until the last of the fourth although the Grad's only threat came in their half of that inning. In the Grad's half of this inning Holt lead only to be forced at second by Cicalese. Demo was then safe at first and Cicalese at second when Krebs booted Demo's grounder. Demo was then out at second when Lutz dropped Cushing's line drive, but tossed to second in time to get the runner. Young made the best play of the game, when, after dropping Limone's fly in the outfield, he made a perfect peg to the plate, nipping Cicalese for the final out. In the last half of this inning the Sigma Nu's scored three runs when Mitchell doubled and Young singled, both being scored on Lutz's long double to right. Lutz then scored on Vogely's single. After the fourth one more run was scored on two walks and an error.

Fifteen Track Trophies



Fifteen of the Beautiful Silver Loving Cups to be Awarded Winners in the Annual Spring Interclass Track Meet to be Held Today

Lytle Chosen Captain Of Next Tennis Team

Clifford Lytle, '37 was elected captain of the tennis team at the annual banquet held in Walker last night. Lytle was also given the Varsity Club Award for singles, and Lytle with Scott Rethorst were given the Varsity Club medals for doubles competition.

Ralph T. Jope, secretary of the Advisory Council on Athletics, was the guest speaker and presented the medals and letter awards. Scott Rethorst, who has done much in the past year to promote tennis at M. I. T., was recommended for a straight "T".

Regular letter awards were made to the following varsity men: Rethorst, Lytle, Stearns, Newman, Oldfield, and Terry. Robert Robbins was appointed as next year's manager.

4 Tracksters Entered In I.C. 4A Meet At Penn Coll.

Coach Oscar Hedlund will send four of his track stars to compete in the I. C. 4A meet to be held this Friday and Saturday at the University of Pennsylvania.

The men will leave Boston on Thursday are: Captain Stan Johnson who is entered in the broad jump; Henry Guerke, who will compete in the 3000 meter run; and Gene Cooper and Nestor Sabi who will both run in the 800 meter race.

These men have had their exam schedules rearranged to allow them to represent M. I. T. at this final event of the track season.

Hayden Wins Dorm Hard-Ball Honors

Scores First Baseball Championship By Defeating Goodale 4 to 1

Hayden yesterday morning scored an upset when it won the hard-ball tournament from Goodale on the Coop Field. The game was close until the last inning when the victors gained a three run lead. The contest only lasted five innings due to the necessity of getting to nine o'clock classes.

The first tally occurred in the second inning when Lippitt hit a three bagger after Baron singled and Gadd walked. Goodale scored in the fourth when Knight stole home. This was the only run for the losers. Hull put the game on ice when he drove out a three bagger with two men on. Lippitt pitched for the victors while Knight tossed for Goodale. These two men starred for their teams.

The final score was 4 to 1. The outcome might have been different if Sieradzki's long hit had been a few inches on the other side of the foul line in the fourth when two men were on base.

The lineups — Hayden: Payne, Hull, Donohoe, Banzett, Lippitt, Baron, Gadd, Coile, and LaForge.

Goodale: Heacock, Knight, Ross, Dierksmier, Murphy, Johnson, Sieradzki, Gomley, and Vincent.

LIQUORS

Choice Wines and Liqueurs
Domestic and Imported
Telephone TRObridge 1788
Central Distributing Company
480 Massachusetts Avenue
Corner Brookline Street
Central Square
Cambridge, Mass.

THE TECHNOLOGY BRANCH

COOP

SWIMMING

Toppers

\$4.95 and \$5.95

STRAW HATS

\$1.95 and \$2.50

PANAMA HATS

\$5.00 and \$7.00

SPORT SHOES

\$3.50

PACKING CASES

\$1.25 to \$2.50

SUITS

Trunks

\$2.95 and \$3.95

GRAY FLANNELS

\$5.00

WHITE DUCKS

\$2.00

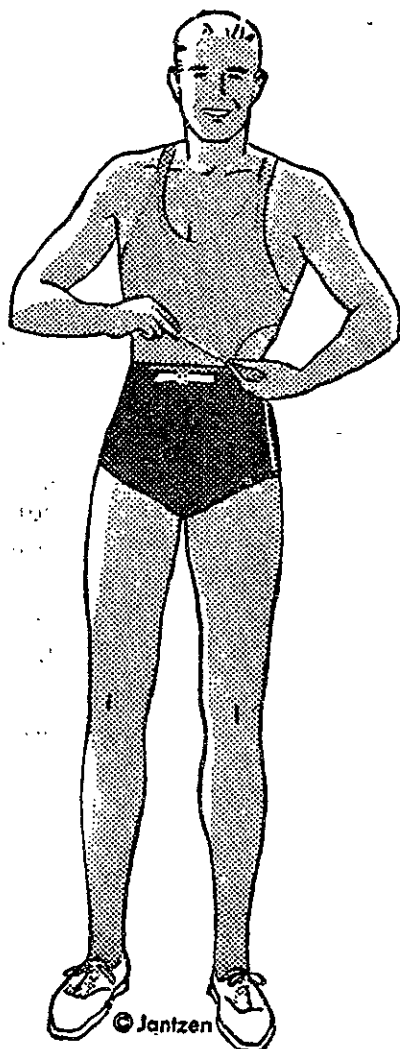
SANSHU SANDALS

\$1.00

SUPPORTERS

for Swimming

39c



BUY AT THE COOP

IT PAYS YOU A DIVIDEND

Stockmayer

(Continued from Page 1)

have excellent metallography and electrochemistry departments there. The bulletin boards in the halls bristled with official notices reminiscent of those at the Institute. What impressed me was another large board devoted to notices from the National Socialist Party, and so on. Here, Julius Streicher's rabidly anti-jewish paper, Der Sturmer, was posted. It is indeed true that politics and the state are being made a part of every walk of German life. Thanks to a cousin of mine (a civil engineer), I got to know not a few of the good beer cellars, and also respectable places in Stuttgart. One night I went to a German fraternity reunion, and 'the boys' somehow didn't seem so different from us, though many of them came in some sort of uniform. (Regular army duty is not compulsory again, you know.) However, they never degenerated into anything like our senior banquet, thank the Lord.

"In concluding my account of this phase of my social career, I wish to shed a tear of pity for the boys who still must gulp Croft Ale, or P. O. N., or what you will in fair Boston, while I sample the various Hofbraus and Pilsners of the Vaterland. I spent several days in the Town of Heidenheim, near the Bavarian border of Wurttemberg. It is a small manufacturing town of 22,000 population. There I met a German mechanical engineer who had spent some time in the Ural district of Russia in the lean year of 1932. His eye-witness accounts of the conditions sounded pretty bad, but in spite of his attempts to be fair, I'm afraid he had the universal German prejudice against Russia. Any notices in the German newspapers concerning Russia are all hostile—the Uruguay business happened while I was there and afforded the German editors . . . scathing comment.

My train ride from Stuttgart to Heidenheim was very picturesque. The rout followed the valley of the Rems, a branch of the Neckar, which is a tributary of the Rhine. I never saw so many grapevines; they were on all the hills, it seemed, except where there were pine forests. It was interesting to note the preponderance of evergreen trees in all the South German forests—they all have that inky blackness that has formed the background for so many stories. We passed several castles, among them the ruins of Hohenstaufen, ancestral hall of some of the Holy Roman Emperors (Frederick Barbarossa, and so on). We had a pretty good New Year's Eve in Stuttgart. I went dancing with a couple of cousins and some friends, and got completely tired out trying to waltz as fast as all the Germans—they spin like tops all evening and don't seem to feel it. The New Year was welcomed by a lot of bell ringing (Shades of Oxford) . . .

"I left for Oxford rather sadly, on January 5, but not before I'd seen what I considered the funniest thing in Germany—a dog (an Irish terrier at that) giving the Nazi salute at the command of his master. What are my general impressions as a result of

this visit? In the first place, Germany is quite as beautiful and romantic as I'd always imagined it. Furthermore, the country seems fairly prosperous (though I must admit that Wurttemberg probably has always suffered less than other parts of Germany), and although I tried to see the really poor sections of Stuttgart, I found no real evidence of poverty anywhere. It is true that Hitler has reduced unemployment to a low figure, but he has done it by reviving compulsory military service, speeding up rearmament, and hastening government projects such as the highway system, the expense of which is falling on the meager treasury. I really fear he is following exactly in Mussolini's footsteps, unless the mechanism of international exchange undergoes a revision. The people are for Hitler, there's no mistake about that. Those 'votes of confidence' were straight, and the one-sided propaganda is securing even more unity. Most of the people I met believe in Hitler's ability, and in his pacific intentions (I hope they're right), but I found very few who, when cornered in private, were 100% for the Nazi program. In Wurttemberg, where there are rather few Jews as compared to other parts of Germany, the people were quite liberal and the Jewish stores didn't seem to have lost any business. Streicher's Sturmer was peddled in all the cafes. Many people dislike it intensely. What an army those fellows have! Brown shirts, black shirts, and regulars—I guess about every fifth man on the street wears a uniform. All for defense and national honor, say Hitler and the German people; I hope so. One thing, however, seems foolish to me, and that is the French accusation that the new national highway system also has a military purpose. When you know that these highways run mostly on the crests of ridges and that they demand many bridges, you can see that such is not the case. Certainly there's nothing easier to destroy than a bridge. That's about all I can report as an eye witness of Hitler's Germany. The nation is a proud and self-confident one again, and that is to Adolf's credit; but where he is leading them, nobody can predict.

"So back to England and Oxford. It's been pretty cold here, but hardly so bad as it must have been in the U. S. A. You fellows have one advantage, though—you keep the weather outside, while here a dinky fireplace in one corner is all we have to prevent our following in the footsteps of the proverbial brass monkey. So far this term has been a good one, except scholastically, for me. I've done too little work but had lots of fun otherwise. Starting next Thursday, there's a week of bumping races on the river, and I'm still lucky enough to be sitting in the Jesus first boat, which for these races is restricted to first and second-year men, and others who haven't previously made their college's first eight. We've been in training two weeks already—which means bed by 10:30 and eating at training table (good, but also getting up at seven to do some jogging (very bad). I'm also playing water polo on the college team. We're at present

still leading the league, but will probably be beaten out by St. John's, who have Knapp, ex-Stanford and a member of the 1932 United States Olympic team. We're getting along fairly well with the English, Welsh, and Irish lads—of the three I think I like the English least. About once a week some of us Americans get together for tea (which we never call anything but "bilge") and gripe about Oxford and the English, in a good-natured sort of way. The real fact is that most of us, though enjoying life in general, are a bit disappointed in the highly touted Oxford tutorial system, which seems a lot less efficient than our American set-up. Most of us are getting less done than we expected. That fact, plus the cold and the dirt and an occasional overdose of English smugness generates plenty of steam to blow off every now and then. Don't misunderstand me—this isn't a personal gripe, and there are many worth-while things. We're not deprecating Rhodes Scholarships and their values, nor do we hate all Englishmen, we are just tired of hearing them think how much better they are than anyone else. I guess nothing can be done about it—they've always been that way and always will. Besides, there are some exceptions who make up for their countrymen's faults. As I said before, I've not been working nearly so hard as I should. Somehow the Oxford life isn't designed for working, and it takes real will power to make yourself accomplish anything. This laziness, plus several unexpected mishaps and delays, have put me far behind my schedule on the research. Well, I still have one and-a-half years to go, and there's still hope. As evidence of my sincerity in this line, I submit the fact that I'm staying in Oxford for the Easter vacation, while most of the boys go off to Munich."

Shuttleworth

(Continued from Page 1)

lon fraternity, vice-president of his freshman class, member of the glee club, Baton, the Walker Memorial Committee, Quadrangle Club, and Beaver Key. He played on the Field Day Football team in his freshman and Sophomore years, and he was also a member of the freshman basketball team.

Shuttleworth was admitted to the infirmary a week ago Sunday, his illness was diagnosed as the deadliest form of pneumonia known, which was fatal in 95% of its attacks. Although his condition was grave from the start, it did not take a really serious

turn until he had a severe heart attack Saturday evening. After that he failed rapidly. With him were his parents, Edwin L. and Betsy Forbes Shuttleworth of Burlington, Vt., and Dr. Louis W. Croke, Assistant Medical Director of the Infirmary.

A graduate of Burlington High School, Shuttleworth spent one year at the University of Vermont before coming to Technology to study architecture. His death is the first at the infirmary in six years.

Funeral services will be held in Burlington Wednesday. Pall bearers will be members of Sigma Alpha Epsilon.

Exhibit

(Continued from Page 1)

merce, including the remote-control accounting system devised by Professor L. F. Woodruff.

The equation solver of Lord Kelvin (1878) has been the source of much study and development, one modification of Kelvin's machine having been devised by Professor J. B. Wilbur. The M. I. T. network analyzer, operating electrically, is also an equation solver.

The integrator of James Clark Maxwell (1855), simplified by James Thompson (1876), is a forerunner of the Hannibal C. Ford patent (1919) from which range calculating devices have been developed. The radiation integrator, originated by Professor Norbert Weiner, has been developed by Professor T. S. Gray. A differentiator devised by Professor F. W. Sears is known as "contrast microphotometer." The machine originated by Professor G. R. Harrison for evaluating differences is used in the analysis of spectra.

The differential analyzer, the intricate calculating device designed by Dean Bush and constructed under his direction here at the Institute, is the master machine from which models have been constructed in various parts of the world. Plans are well under way for the building here of a new model of even greater precision, flexibility and versatility.

The Vail Librarian will be glad to aid any one interested in reading about these developments, which may revolutionize the future use of mathematics.

Infirmary List
John C. Carter '38, Fred L. Lamb '38, Roman L. Ortynsky '36.
Brooks Hospital: Norris F. Dow '39, C. Harold. Phillips House: Peter de Florez '37.

Senior Ball

(Continued from Page 1)

Atlantic City. Julian is famed as a "sweet singing meastro" and will also feature a female vocalist.

The dance, ending Senior Week Activities, will be marked by the mid-night dinner and an attractive souvenir dance program that has been designed specially for the dance.

The invited guests include Dr. and Mrs. Karl T. Compton, Dr. and Mrs. Vannevar Bush, Mr. and Mrs. H. S. Ford, Dean H. E. Lobdell, Mr. and Mrs. D. L. Rhind, Professor and Mrs. J. R. Jack, Professor and Mrs. A. A. Lawrence, Professor and Mrs. F. G. Fassett, and Mr. and Mrs. J. M. Nalle.

Tables for the dance should be signed-up for through the Senior Week Committee, and those who have not a blanket ticket for the Senior Week Activities may purchase tickets to the dance for \$7.50.

LOUNGER

Moonlight
Over our private wire to the 5:15 Club comes the sad news that those who go on the Moonlight Sail will have to stay in the moonlight, if any. Seems that the stateroom doors will all be locked.

Competition
Some time ago the dorms ran a contest to determine the difference in purity between the frosh and the seniors. This being too indelicate for the co-eds, they fell back on a contest to see whether a freshman or a senior co-ed could spit the farthest. The frosh won.

Walton Lunch Co.
Morning, Noon and Night
You will find All Tech at
78 Massachusetts Avenue
CAMBRIDGE

QUICK SERVICE
APPETIZING FOOD
POPULAR PRICES
Quality First Always
THAT'S
WALTON'S
1080 Boylston Street
Convenient to Fraternity Men

QUADLEY
House
at
Fifth Avenue
Spring Exhibit

QUADLEY SUITS, TOPCOATS AND TUXEDOS OF EXTRAORDINARY CHARACTER AND EXCEPTIONAL VALUE ORIGINATED EXPRESSLY FOR COLLEGE MEN.

THIRTY-FIVE DOLLARS
TAILORED TO MEASURE \$40 AND MORE
HOTEL STATLER
Boston, Mass.
FRIDAY, MAY 29TH
Harry Schein, Rep.

OL' JUDGE ROBBINS
"EARTH SMOKING"

YOU DIDN'T MEAN TO STEP ON DADDY'S PIPE, DID YOU?
TOO BAD, JUDGE. AMAN'S SORT OF LOST WHEN HE HASN'T A PIPE HANDY.
OH, I'M NOT SO SURE ABOUT THAT.
MANY AN AFRICAN NATIVE NEVER OWNS A PIPE - BUT STILL SMOKES. HE BUILDS A CLAY MOUND WITH BOWL AND STEM. IT'S ANKWARD, OF COURSE, BUT PRETTY EFFECTIVE AT THAT.

WELL, IT LOOKS LIKE YOU'LL HAVE TO TRY IT, JUDGE.
NO, INDEED, I ENJOY MY PRINCE ALBERT TOO MUCH EVER TO BE CAUGHT WITHOUT A SPARE.
OH, A BROKEN PIPE DOESN'T BOTHER DADDY.

PIPE-MATES FOREVER
A man discovers more about the joy of living from smoking Prince Albert than from a whole book of philosophy. P. A. has what your pipe needs. Coolness—because it's "crimp cut." Mildness—because the "bite" is removed by a special Prince Albert process. Get a pipe-load of this princely tobacco, gentlemen, and get on the joy road for good. Our offer stands back of every big red tin of Prince Albert.

SMOKE 20 PIPEFULS OF P. A. AT OUR RISK
Smoke 20 fragrant pipefuls of Prince Albert. If you don't find it the mellowest, tastiest pipe tobacco you ever smoked, return the pocket tin with the rest of the tobacco in it to us at any time within a month from this date, and we will refund full purchase price, plus postage.
(Signed) R. J. REYNOLDS TOBACCO COMPANY
Winston-Salem, North Carolina

PRINCE ALBERT THE NATIONAL JOY SMOKE

CALENDAR

Tuesday, May 26
 5:00 M. I. T. Athletic Association Meeting, East Lounge, Walker Memorial.
 5:00 Tech Smoker Committee Meeting, West Lounge, Walker Memorial.
 6:30 Lowell Institute Dinner, Main Hall, Walker Memorial.
 6:30 M. I. T. Track Team Dinner, Grill Room, Walker Memorial.
Thursday, May 28
 7:00 Sponsorship Group Dinner, Fabyan Room, Walker Memorial.
Friday and Saturday, May 29, 30
 Afternoon—Freshman and Varsity Track—I. C. A. A. A. at Philadelphia.
Thursday, June 4
 8:30-5:15 Club Moonlight Sail, Leaving Long Wharf, Boston.

SENIOR WEEK PROGRAM

Friday, June 5
 6:30 Senior Banquet, University Club, Boston.
Saturday, June 6
 8:30 Pops Concert, Symphony Hall, Boston.
Sunday, June 7
 3:00 Senior Picture, Steps of Rogers Building.
 3:30 Baccalaureate Service, Old South Church, Copley Square.
Monday, June 8
 2:00 Class Day Exercises, Great Court, including Dedication of Boat House.
 4:00 Tea Dance, Walker Memorial.
Tuesday, June 9
 11:00 Commencement Exercises, Symphony Hall, Boston.
 4:00 President's Reception, and Tea Dance, Walker Memorial.
 10:00 Senior Ball, Main Dining Room, Hotel Statler, Boston.

Boston's Foremost Reliable Dancing School
15 Private Lessons \$5
Uptown School Modern Dancing
 330 Mass. Ave., at Huntington
 Personal Direction Miss Shirley Hayes
 TEL. CIRCLE 9068
 Newest ball room steps. Beginners guaranteed to learn here. Hours 10 A.M. to 12 P.M.
 Class and Social Dancing NIGHTLY

Lowell Institute

(Continued from Page 1)

association of the Lowell School, which will be held in Walker Memorial at 6:30 this evening.
 For more than a third of a century prior to 1903, Lowell Institute free courses for advanced students had been given under the auspices of the

Massachusetts Institute of Technology. The increasing need for technical training became apparent and in 1903 the courses now given in the evening school were developed through the inspiration of Dr. Lowell to give an opportunity to the skilled workmen—the non-commissioned officers of industry—to get an education in the application of science to their work.

During its history the Lowell Institute School has attracted the leaders among the skilled workmen who were ambitious to educate themselves in their work. Among the graduates who have gone out from the school are many who now hold leading positions in various branches of industry and engineering.

Tech Union

(Continued from Page 1)

a Bane to Modern Civilization?", a discussion between Wellesley and Technology.

More Speakers Next Year

The Tech Union was also co-sponsor with The Tech in the All-Technology Peace Conference, held last month. Mr. Rapoport stressed the necessity of obtaining additional prominent speakers for next year's season. Several had agreed to speak this year, he stated, but could not settle on a satisfactory date.

The Steering Committee of the Union will hold its final banquet this evening at which time the new officers are to be installed. Prof. Theodore Smith, faculty advisor of the Union, is scheduled to be the main speaker.

Maclaurin

(Continued from Page 1)

considerably, and crossed the Andes on skis.

After graduating from the Harvard Business School, Mr. Maclaurin took a position with the Boston Safe Deposit and Trust Company. During this winter and the next he was a member of the Hochgebirge Ski Team of Boston.

In September, 1933 he joined the staff of the Harvard Business School as research assistant in investment management. For the academic year 1933-34 he was appointed Sheldon Traveling Fellow in Economics by Harvard University, and spent the year in Australia collecting data for a doctor's thesis on economic planning in Australia. He was appointed instructor in business economics in September, 1935, and received the degree of doctor of commercial science last February.

Mr. Maclaurin joins the Institute faculty on July 1, and plans to devote especial attention to the economics of housing.

Moonlight Sail

(Continued from Page 1)

leave long Wharf, at the foot of State Street, at 8:30 o'clock, and, after sailing out through the islands of Boston harbor under a full moon until 12 o'clock, she will return to dock and dancing will continue until 1 o'clock. In case of rain, the dance will be

postponed until the following night, so that a full moon is assured for the dancers.

Besides being available in the Main Lobby, tickets may be purchased from members of the dance or executive committees, and from the following students:

George M. Levy, '37; Charles C. Chase, '37; Robert P. Rudy, '37; William A. Merritt, '39; Philip P. Scarito, '37; Edward P. Bentley, '39; George A. Morrell, '39; Samuel Rudginsky, '38; Milton Lief, '37; Raymond A. Dreselly, '37; Joseph G. Zeitlen, '39; John A. Gallagher, '37; Joseph Bayer, '38; Sydney S. Gesmer, '39; George Rosenfeld, '39; Bertram R. Harper.

LOUNGER

Alchemy

Like a wraith from the far distant past comes another story about Open House. A certain lady was spectator at the alchemy exhibit, listening with great interest as the lecturer explained how he was making gold from base metals. Approaching him after the talk she inquired, "If you can make gold so cheaply, why do you need all the other machines around here?"

Where
 BOSTON BUSINESS GOES HOME
 TO LUNCH
THOMPSON'S SPA

— for Digestion's Sake — Smoke Camels

They stimulate digestion in a pleasant, natural way
 ...increase alkalinity

The human digestion is a marvelous but delicate mechanism. It responds adversely to the hurry and mental strain so common to our busy lives today. It is definitely encouraged by smoking Camels. Scientific studies show how Camels aid digestion. Sensitive

machines of science have measured the increase in digestive fluids—alkaline digestive fluids—that follows the enjoyment of Camel's costlier tobaccos.

For a cheery "lift"—for digestion's sake—for their finer tobaccos, enjoy Camels.

AT IT DAY AND NIGHT. Lectures all day—long hours of study at night—keep a man going at a fast pace mentally. How welcome Camels are with their "lift" in energy and aid to digestion.



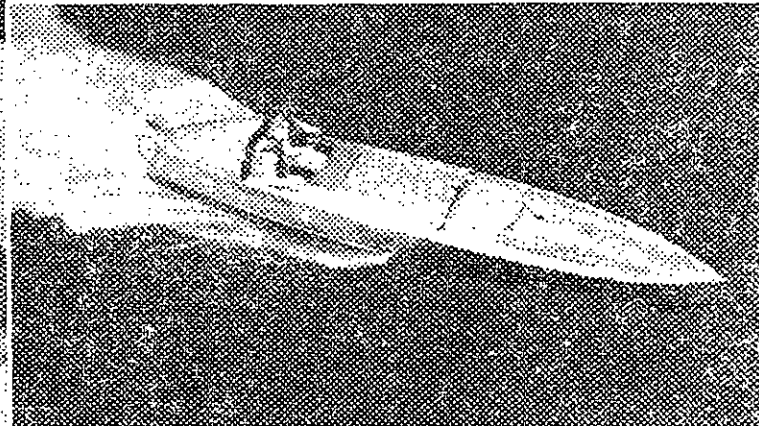
Copyright, 1936, R. J. Reynolds Tobacco Co., Winston-Salem, N. C.



PARIS IN LOS ANGELES! So the world of fashion and of Hollywood calls the charming, palm-studded Garden Room of Victor Hugo's in Beverly Hills. And, as the diners pause between courses to enjoy Camels, Hugo himself gives the nod of approval. "Our guests know fine tobaccos as well as fine foods," he says. "They have made Camels the outstanding favorite here." Camels never frazzle your nerves or tire your taste.



MRS. WILLIAM I. HOLLINGSWORTH, JR., made her debut at the Court of St. James. "How natural it is to smoke Camels between courses and after dining," she says. "Camels stimulate my taste, aid digestion."



GEORGE REIS wound up *El Lagarto* to over 55 m.p.h. to win the Gold Cup Trophy for the third straight time! "I'm, a hearty smoker," he says, "take a Camel as often as I like. I eat heartily, smoke Camels, and enjoy good digestion."



TUNE IN!

Camel Caravan with
 Walter O'Keefe, Deane
 Janis, Ted Husing, Glen
 Gray and the Casa Loma
 Orchestra

Tuesday and Thursday—
 9 p.m. E.D.S.T., 8 p.m. E.S.T.,
 8 p.m. C.D.S.T., 7 p.m. C.S.T.,
 8:30 p.m. M.S.T.,
 7:50 p.m. P.S.T.—over
 WABC—Columbia Network

COSTLIER TOBACCOS!

Camels are made from finer, MORE EXPENSIVE TOBACCOS—Turkish and Domestic—than any other popular brand.

